

LISTING OF CLAIMS

Claims 1-9 (cancelled)

Claim 10 (currently amended) - A thrombin composition free of fibrin clots, consisting essentially of:

Plasma;

Ethanol (~~ETOH~~ EtOH); and

CaCl_2 .

Claim 11 (previously presented) - The composition of claim 10 wherein ethanol is present at 13.6% by volume and CaCl_2 is present at 0.023 μM .

Claim 13 (cancelled)

Claim 14 (previously presented) - The composition of claim 10 wherein ethanol is present at a concentration between about 8% and about 18% by volume.

Claim 15 (previously presented) - The composition of claim 10 wherein CaCl_2 is present at a concentration between about 0.011 μM and about 0.045 μM .

Claims 16-18 (cancelled)

Claim 19 (currently amended) - A thrombin composition free of fibrin clots, consisting essentially of:

plasma;

ethanol (~~ETOH~~ EtOH); and

a source of calcium ions.

Claim 20 (new) - The composition of claim 10 wherein ethanol is present at 13.6% by volume.

Claim 21 (new) - The composition of claim 10 wherein CaCl_2 is present at 0.023 μM .

Claim 22 (new) - The composition of claim 10 wherein thrombin isolated from the composition has a clotting speed of about five seconds or less and is stable for more than 15 minutes.

Claim 23 (new) - The composition of claim 10 wherein thrombin isolated from the composition has a clotting speed of about five seconds or less and is stable for about 240 minutes or greater.

Claim 24 (new) - The composition of claim 10 wherein thrombin isolated from the composition has a clotting speed of about twenty to about thirty seconds and is stable for up to about 150 minutes.

Claim 25 (new) - The composition of claim 10 wherein thrombin isolated from the composition has a clotting speed of about three to about four seconds and is stable for up to about 360 minutes.

Claim 26 (new) - The composition of claim 10 wherein said composition is in tangential relationship with a glass surface.

Claim 27 (new) - The composition of claim 10 wherein thrombin isolated from the composition is filtered during isolation.

Claim 28 (new) - The composition of claim 10 wherein thrombin isolated from the composition is diluted with saline to alter the clotting time.

Claim 29 (new) - The composition of claim 19 wherein ethanol is present at 13.6% by volume and calcium ions are present at 0.023 μ M.

Claim 30 (new) - The composition of claim 19 wherein ethanol is present at a concentration between about 8% and about 18% by volume.

Claim 31 (new) - The composition of claim 19 wherein calcium ions are present at a concentration between about 0.011 μ M and about 0.045 μ M.

Claim 32 (new) - The composition of claim 19 wherein ethanol is present at 13.6% by volume.

Claim 33 (new) - The composition of claim 19 wherein calcium ions are present at 0.023 μ M.

Claim 34 (new) - The composition of claim 19 wherein thrombin isolated from the composition has a clotting speed of about five seconds or less and is stable for more than 15 minutes.

Claim 35 (new) - The composition of claim 19 wherein thrombin isolated from the composition has a clotting speed of about five seconds or less and is stable for about 240 minutes or greater.

Claim 36 (new) - The composition of claim 19 wherein thrombin isolated from the composition has a clotting speed of about twenty to about thirty seconds and is stable for up to about 150 minutes.

Claim 37 (new) - The composition of claim 19 wherein thrombin isolated from the composition has a clotting speed of about three to about four seconds and is stable for up to about 360 minutes.

Claim 38 (new) - The composition of claim 19 wherein said composition is in tangential relationship with a glass surface.

Claim 39 (new) - The composition of claim 19 wherein thrombin isolated from the composition is filtered during isolation.

Claim 40 (new) - The composition of claim 10 wherein thrombin isolated from the composition is diluted with saline to alter the clotting time.